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Patent Office Classifications  
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NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
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NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
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NEWS 13 SEP 27 SWETSCAN will no longer be available on STN  
  
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FILE 'HOME' ENTERED AT 14:52:02 ON 21 OCT 2004

=> index bioscience

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0.21	0.21

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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,  
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,  
CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:52:13 ON 21 OCT 2004

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
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=> s plasma substitute

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64	FILE BIOTECHNO
54	FILE CABA
111	FILE CANCERLIT
586	FILE CAPLUS
3	FILE CEABA-VTB
1	FILE CEN
1	FILE CIN
8	FILE CONFSCI
12	FILE DDFB
50	FILE DDFU
23	FILE DGENE
3	FILE DISSABS
12	FILE DRUGB
74	FILE DRUGU
1	FILE EMBAL
1707	FILE EMBASE
27	FILE ESBIODBASE
1	FILE FEDRIP

37 FILES SEARCHED...

2	FILE FROSTI
1	FILE FSTA
25	FILE IFIPAT
44	FILE IMSPRODUCT
53	FILE JICST-EPLUS
12	FILE LIFESCI
5284	FILE MEDLINE
10	FILE NIOSHTIC
81	FILE NTIS
647	FILE PASCAL
29	FILE PHAR
6	FILE PHARMAML
55	FILE PHIN
30	FILE PROMT
274	FILE SCISEARCH
816	FILE TOXCENTER
275	FILE USPATFULL
14	FILE USPAT2
1	FILE VETU

72 FILES SEARCHED...

130	FILE WPIDS
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50 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE PLASMA SUBSTITUTE /

=&gt; d rank

F1	5284	MEDLINE
F2	1707	EMBASE
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F16	54	CABA
F17	53	JICST-EPLUS
F18	50	DDFU
F19	44	IMSPRODUCT
F20	30	PROMT
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F24	23	DGENE
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F27	12	DRUGB
F28	12	LIFESCI
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F30	10	BIOTECHDS
F31	10	NIOSHTIC
F32	9	BIOBUSINESS
F33	8	CONFSCI
F34	7	ADISCTI
F35	6	PHARMAML
F36	4	AGRICOLA
F37	4	BIOCOMMERCE
F38	4	BIOENG
F39	3	ANABSTR
F40	3	CEABA-VTB
F41	3	DISSABS
F42	2	FROSTI
F43	1	ADISINSIGHT
F44	1	ADISNEWS
F45	1	CEN
F46	1	CIN
F47	1	EMBAL
F48	1	FEDRIP
F49	1	FSTA
F50	1	VETU

=&gt; file f1, f2, f3, f4, f5, f6, f7, f8, f9, f10, f11, f12, f13

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

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FULL ESTIMATED COST

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=> s plasma substitute  
L2 10414 PLASMA SUBSTITUTE

=> s recombinant gelatin  
L3 57 RECOMBINANT GELATIN

=> s 12 and 13  
L4 0 L2 AND L3

=> s osmotic AND 12  
L5 505 OSMOTIC AND L2

=> s 15 AND recombinant  
L6 29 L5 AND RECOMBINANT

=> d 16 ibib ti 1-29

L6 ANSWER 1 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2004:127726 USPATFULL

TITLE: Method for the crystallization of human serum albumin  
INVENTOR(S): Visuri, Kalevi, Kirkkonummi, FINLAND  
Uotila, Sinikka, Espoo, FINLAND  
Fulton, Scott P., Middleton, WI, UNITED STATES  
Couto, Daniel E., Chelsea, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004097710	A1	20040520
APPLICATION INFO.:	US 2002-300233	A1	20021119 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	GTC BIOTHERAPEUTICS, INC., 175 CROSSING BOULEVARD, SUITE 410, FRAMINGHAM, MA, 01702		
NUMBER OF CLAIMS:	183		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Page(s)		
LINE COUNT:	2646		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Method for the crystallization of human serum albumin

L6 ANSWER 2 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:113739 USPATFULL

TITLE: Physiologically acceptable aqueous solutions and methods for their use

INVENTOR(S): Segall, Paul E., Berkeley, CA, UNITED STATES  
Sternberg, Hal, Berkeley, CA, UNITED STATES  
Waitz, Harold D., Berkeley, CA, UNITED STATES  
Segall, Judith M., Berkeley, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004086578	A1	20040506
APPLICATION INFO.:	US 2003-684151	A1	20031010 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-530006, filed on 20 Apr 2000, GRANTED, Pat. No. US 6680305 A 371 of International Ser. No. WO 1997-US19964, filed on 31 Oct 1997, PENDING Continuation-in-part of Ser. No. US 1997-886921, filed on 2 Jul 1997, GRANTED, Pat. No. US 5945272 Continuation of Ser. No. US 1997-780974, filed on 9 Jan 1997, ABANDONED Continuation of Ser. No. US 1994-364699, filed on 28 Dec 1994, ABANDONED Continuation-in-part of Ser. No. US 1994-253384, filed on 3 Jun 1994, GRANTED, Pat. No. US 5702880 Continuation-in-part of Ser. No. US 1993-133527, filed on 7 Oct 1993, ABANDONED Continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, GRANTED, Pat. No. US 5407428		

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BOZICEVIC, FIELD & FRANCIS LLP, 200 MIDDLEFIELD RD,  
SUITE 200, MENLO PARK, CA, 94025

NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
LINE COUNT: 1270

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Physiologically acceptable aqueous solutions and methods for their use

L6 ANSWER 3 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:25124 USPATFULL

TITLE: Methods and compositions for use in perfusion applications

INVENTOR(S): Segall, Paul E., Berkeley, CA, UNITED STATES

Waitz, Harold D., Berkeley, CA, UNITED STATES  
Sternberg, Hal, Berkeley, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004018966	A1	20040129
APPLICATION INFO.:	US 2003-445392	A1	20030523 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-243921, filed on 3 Feb 1999, GRANTED, Pat. No. US 6589223		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	BOZICEVIC, FIELD & FRANCIS LLP, 200 MIDDLEFIELD RD, SUITE 200, MENLO PARK, CA, 94025		
NUMBER OF CLAIMS:	26		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1017		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for use in perfusion applications		

L6 ANSWER 4 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:15031 USPATFULL  
TITLE: Physiologically acceptable aqueous solutions and methods for their use  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6680305	B1	20040120
	WO 9922746		19990514
APPLICATION INFO.:	US 2000-530006		20000420 (9)
	WO 1997-US19964		19971031
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-886921, filed on 2 Jul 1997, now patented, Pat. No. US 5945272 Continuation of Ser. No. US 1997-780974, filed on 9 Jan 1997, now abandoned Continuation of Ser. No. US 1994-364699, filed on 8 Dec 1994, now abandoned Continuation-in-part of Ser. No. US 1994-253384, filed on 3 Jun 1994, now patented, Pat. No. US 5702880 Continuation-in-part of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned Continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Fay, Zohreh		
ASSISTANT EXAMINER:	Kwon, Brian-Yong		
LEGAL REPRESENTATIVE:	Field, Bret E., Bozicevic, Field & Francis, Tall, Susan		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	1332		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Physiologically acceptable aqueous solutions and methods for their use		

L6 ANSWER 5 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2004:2420 USPATFULL  
TITLE: Size enhanced hemoglobins: surface decoration and crosslinking of the protein with polyoxy alkylene

glycols  
INVENTOR(S): Acharya, Seetharama A., Cresskill, NJ, UNITED STATES  
Manjula, Belur N., Cresskill, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004002443	A1	20040101
APPLICATION INFO.:	US 2002-198732	A1	20020718 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-306623P	20010719 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Elie H. Gendloff, Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY, 10016	
NUMBER OF CLAIMS:	80	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	1688	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
TI	Size enhanced hemoglobins: surface decoration and crosslinking of the protein with polyoxy alkylene glycols	

L6 ANSWER 6 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2003:337269 USPATFULL

TITLE: Reduced side-effect hemoglobin compositions

INVENTOR(S): Looker, Douglas L., Lafayette, CO, United States  
Apostol, Izydor Z., Boulder, CO, United States  
Brucker, Eric A., Evergreen, CO, United States  
Doyle, Michael P., Boulder, CO, United States  
Foster, David L., Lafayette, CO, United States  
Glascocock, Christopher B., Louisville, CO, United States  
Hartman, James C., Boulder, CO, United States  
Lee, Geoffrey F., Boulder, CO, United States  
Lemon, Douglas D., Louisville, CO, United States  
Moore, Edwin G., Boulder, CO, United States  
Richards, Jane P., Longmont, CO, United States  
Schick, Michael R., Louisville, CO, United States  
Trimble, Stephen P., Boulder, CO, United States  
Pereira, David, Apex, NC, United States  
Hai, Ton-That, Mundelein, IL, United States  
Burhop, Kenneth E., Longmont, CO, United States

PATENT ASSIGNEE(S): Baxter International, Inc., Deerfield, IL, United States (U.S. corporation)  
Baxter Healthcare S.A., Kanton Zurich, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6670323	B1	20031230
APPLICATION INFO.:	US 2000-709914		20001110 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 403208, now patented, Pat. No. US 6455676		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-165289P	19991112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Carlson, Karen Cochrane	
LEGAL REPRESENTATIVE:	Senniger, Powers, Leavitt & Roedel	
NUMBER OF CLAIMS:	155	

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 18 Drawing Figure(s); 18 Drawing Page(s)  
LINE COUNT: 4788  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Reduced side-effect hemoglobin compositions

L6 ANSWER 7 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2003:243798 USPATFULL  
TITLE: Stable aqua formulation of interferon, the preparation method and the uses thereof  
INVENTOR(S): Zhang, Lei, Tianjin, CHINA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003170207	A1	20030911
APPLICATION INFO.:	US 2002-148865	A1	20021007 (10)
	WO 2000-CN531		20001205

	NUMBER	DATE
PRIORITY INFORMATION:	CN 1999-125582	19991206
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
LINE COUNT:	612	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Stable aqua formulation of interferon, the preparation method and the uses thereof

L6 ANSWER 8 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2003:183696 USPATFULL  
TITLE: Method and compositions for use in perfusion applications  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6589223	B1	20030708
APPLICATION INFO.:	US 1999-243921		19990203 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Mendez, Manuel		
ASSISTANT EXAMINER:	Thompson, Michael M.		
LEGAL REPRESENTATIVE:	Field., Bret E., Bozicevic, Field & Francis		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	938		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Method and compositions for use in perfusion applications

L6 ANSWER 9 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2003:120749 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, UNITED STATES



	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003083233	A1	20030501
APPLICATION INFO.:	US 2002-199269	A1	20020718 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-544656, filed on 5 Apr 2000, GRANTED, Pat. No. US 6432918 Continuation of Ser. No. US 1998-32342, filed on 27 Feb 1998, GRANTED, Pat. No. US 6054427 Continuation-in-part of Ser. No. US 1997-810694, filed on 28 Feb 1997, GRANTED, Pat. No. US 5814601		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Kamrin T. MacKnight, MEDLEN & CARROLL, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA, 94104		
NUMBER OF CLAIMS:	44		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Page(s)		
LINE COUNT:	4443		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for optimization of oxygen transport by cell-free systems		

L6 ANSWER 10 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2003:37211 USPATFULL  
 TITLE: Artificial blood fluids and microflow drag reducing factors for enhanced blood circulation  
 INVENTOR(S): Kamenewa, Marina V., Pittsburgh, PA, UNITED STATES  
 Borovetz, Harvey S., Pittsburgh, PA, UNITED STATES  
 Chapman, Toby M., Pittsburgh, PA, UNITED STATES  
 Griffith, Bartley P., Pittsburgh, PA, UNITED STATES  
 Repko, Brandon M., Pittsburgh, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003026855	A1	20030206
APPLICATION INFO.:	US 2002-37130	A1	20020102 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-487194, filed on 19 Jan 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-339647, filed on 24 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US 1998-150138, filed on 9 Sep 1998, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Allen Bloom, Esq., Dechert Price & Rhoads, P. O. Box 5218, Princeton, NJ, 08543		
NUMBER OF CLAIMS:	90		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	26 Drawing Page(s)		
LINE COUNT:	1736		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Artificial blood fluids and microflow drag reducing factors for enhanced blood circulation		

L6 ANSWER 11 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:228319 USPATFULL  
 TITLE: Immunostimulation mediated by gene-modified dendritic cells  
 INVENTOR(S): Song, Elizabeth S., Howth, IRELAND  
 Chada, Sunil, Vista, CA, UNITED STATES  
 Lee, Virginia, Cardiff, CA, UNITED STATES  
 Jolly, Douglas J., Leucadia, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002123479	A1	20020905
APPLICATION INFO.:	US 2001-976576	A1	20011012 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-456668, filed on 8 Dec 1999, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	CHIRON CORPORATION, Intellectual Property, P.O. Box 8097, Emeryville, CA, 94662-8097		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Page(s)		
LINE COUNT:	2868		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Immunostimulation mediated by gene-modified dendritic cells		

L6 ANSWER 12 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2002:202059 USPATFULL  
 TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
 INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
 PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6432918	B1	20020813
APPLICATION INFO.:	US 2000-544656		20000405 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-32342, filed on 27 Feb 1998, now patented, Pat. No. US 6054427 Continuation-in-part of Ser. No. US 1997-810694, filed on 28 Feb 1997, now patented, Pat. No. US 5814601, issued on 29 Sep 1998		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Low, Christopher S. F.		
ASSISTANT EXAMINER:	Mohamed, Abdel A.		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	96		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	4586		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for optimization of oxygen transport by cell-free systems		

L6 ANSWER 13 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2001:223734 USPATFULL  
 TITLE: Methods of administering a synthetic plasma like solution, and systems and kits for use in practicing the same  
 INVENTOR(S): Sternberg, Hal, Berkeley, CA, United States

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001048951	A1	20011206
APPLICATION INFO.:	US 2001-834747	A1	20010413 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-197307P	20000414 (60)
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Bret E. Field, Bozicevic, Field and Francis LLP, Suite  
200, 200 Middlefield Road, Menlo Park, CA, 94025  
NUMBER OF CLAIMS: 25  
EXEMPLARY CLAIM: 1  
LINE COUNT: 982  
TI Methods of administering a synthetic plasma like solution, and systems  
and kits for use in practicing the same

L6 ANSWER 14 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2001:173576 USPATFULL  
TITLE: Plasma-like solution  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6300322	B1	20011009
APPLICATION INFO.:	US 2000-565784		20000505 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 530006 Continuation-in-part of Ser. No. US 1997-886921, filed on 2 Jul 1997, now patented, Pat. No. US 5945272 Continuation of Ser. No. US 1997-780974, filed on 9 Jan 1997, now abandoned Continuation of Ser. No. US 1994-364699, filed on 28 Dec 1994, now abandoned Continuation-in-part of Ser. No. US 1994-253384, filed on 3 Jun 1994, now patented, Pat. No. US 5702880 Continuation-in-part of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned Continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Jarvis, William R. A.		
ASSISTANT EXAMINER:	Kim, Vickie		
LEGAL REPRESENTATIVE:	Field, Bret E.Bozicevic, Field & Francis		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1311		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Plasma-like solution		

L6 ANSWER 15 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2001:93355 USPATFULL  
TITLE: Medium for preserving biological materials  
INVENTOR(S): Crespo, Andre, Ormesson, France  
Soria, Henri Michel, Monts, France  
PATENT ASSIGNEE(S): Aventis Pharms S.A., Antony, France (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6248588	B1	20010619
	WO 9733975		19970918
APPLICATION INFO.:	US 1998-125331		19981214 (9)
	WO 1997-FR385		19970305
			19981214 PCT 371 date
			19981214 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1996-3074	19960312
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Ware, Deborah K.	
LEGAL REPRESENTATIVE:	Dubberley, F. Aaron, Krupen, Karen I.	
NUMBER OF CLAIMS:	47	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1098	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
TI	Medium for preserving biological materials	

L6 ANSWER 16 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2001:55676 USPATFULL

TITLE: Methods and compositions for use in perfusion applications

INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States

PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6218099	B1	20010417
APPLICATION INFO.:	US 1999-244283		19990203 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-896823, filed on 18 Jul 1997 Continuation of Ser. No. US 1994-253384, filed on 3 Jun 1994, now patented, Pat. No. US 5702880 Continuation-in-part of Ser. No. WO 1997-US19964, filed on 31 Oct 1997		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Saucier, Sandra E.		
LEGAL REPRESENTATIVE:	Field, Bret E.Bozicevic, Field & Francis		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1035		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for use in perfusion applications		

L6 ANSWER 17 OF 29 USPATFULL on STN

ACCESSION NUMBER: 2000:113532 USPATFULL

TITLE: Plasma-like substance

INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States

PATENT ASSIGNEE(S): Biotime, Inc., Berkeley, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6110504		20000829
APPLICATION INFO.:	US 1998-24884		19980217 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-462650, filed on 5 Jun 1995, now patented, Pat. No. US 5747071 which is a division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Prats, Francisco  
LEGAL REPRESENTATIVE: Field, Bret E.Bozicevic, Field & Francis  
NUMBER OF CLAIMS: 13  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2015  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Plasma-like substance

L6 ANSWER 18 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 2000:50677 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6054427		20000425
APPLICATION INFO.:	US 1998-32342		19980227 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-810694, filed on 28 Feb 1997, now patented, Pat. No. US 5814601, issued on 29 Sep 1998		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Low, Christopher S. F.		
ASSISTANT EXAMINER:	Mohamed, Abdel A.		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	35		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	24 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	4473		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for optimization of oxygen transport by cell-free systems		

L6 ANSWER 19 OF 29 USPATEFULL on STN  
ACCESSION NUMBER: 2000:41015 USPATEFULL  
TITLE: Therapeutic use of hemoglobin to treat head injury  
INVENTOR(S): Burhop, Kenneth E., Mundelein, IL, United States  
Shackford, Steven R., Shelburne, VT, United States  
PATENT ASSIGNEE(S): Baxter International, Inc., Deerfield, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6046170		20000404
APPLICATION INFO.:	US 1998-177326		19981022 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1996-734296, filed on 21 Oct 1996, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Celsa, Bennett		
LEGAL REPRESENTATIVE:	Senniger, Powers, Leavitt & Roedel		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
LINE COUNT:	640		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Therapeutic use of hemoglobin to treat head injury		

L6 ANSWER 20 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1999:146524 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
Intaglietta, Marcos, La Jolla, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5985825		19991116
APPLICATION INFO.:	US 1998-162942		19980929 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-810694, filed on 28 Feb 1998, now patented, Pat. No. US 5814601, issued on 29 Sep 1998		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Tsang, Cecilia J.		
ASSISTANT EXAMINER:	Mohamed, Abdel A.		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 16 Drawing Page(s)		
LINE COUNT:	2350		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for optimization of oxygen transport by cell-free systems		

L6 ANSWER 21 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:119118 USPATFULL  
TITLE: Methods and compositions for optimization of oxygen transport by cell-free systems  
INVENTOR(S): Winslow, Robert M., La Jolla, CA, United States  
Intaglietta, Marcos, La Jolla, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5814601		19980929
APPLICATION INFO.:	US 8106940		19970228 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Tsang, Cecilia J.		
ASSISTANT EXAMINER:	Mohamed, Abdel A.		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	27		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 16 Drawing Page(s)		
LINE COUNT:	2493		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Methods and compositions for optimization of oxygen transport by cell-free systems		

L6 ANSWER 22 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:75563 USPATFULL  
TITLE: Human serum albumin-porphyrin complexes with the ability to bind oxygen and therapeutic uses thereof  
INVENTOR(S): Bonaventura, Joseph, Beaufort, NC, United States  
PATENT ASSIGNEE(S): Duke University, Durham, NC, United States (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5773417 19980630  
 APPLICATION INFO.: US 1997-906828 19970806 (8)  
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-279371, filed on 22  
 Jul 1994, now abandoned  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Tsang, Cecilia J.  
 ASSISTANT EXAMINER: Mohamed, Abdel A.  
 LEGAL REPRESENTATIVE: Pennie & Edmonds LLP  
 NUMBER OF CLAIMS: 42  
 EXEMPLARY CLAIM: 18  
 NUMBER OF DRAWINGS: 12 Drawing Figure(s); 9 Drawing Page(s)  
 LINE COUNT: 993  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 TI Human serum albumin-porphyrin complexes with the ability to bind oxygen  
 and therapeutic uses thereof

L6 ANSWER 23 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:47998 USPATFULL  
 TITLE: Plasma-like substance  
 INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
 Waitz, Harold D., Berkeley, CA, United States  
 Sternberg, Hal, Berkeley, CA, United States  
 Segall, Judith M., Berkeley, CA, United States  
 PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
 corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5747071 19980505  
 APPLICATION INFO.: US 1995-462650 19950605 (8)  
 RELATED APPLN. INFO.: Division of Ser. No. US 1993-133527, filed on 7 Oct  
 1993, now abandoned which is a continuation-in-part of  
 Ser. No. US 1993-71533, filed on 4 Jun 1993, now  
 patented, Pat. No. US 5407428  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Lankford, Jr., Leon B.  
 ASSISTANT EXAMINER: Prats, Francisco C.  
 LEGAL REPRESENTATIVE: Bozicevic, Karl Bozicevic & Reed LLP, Field, Bret  
 NUMBER OF CLAIMS: 8  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 2007  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
 TI Plasma-like substance

L6 ANSWER 24 OF 29 USPATFULL on STN

ACCESSION NUMBER: 1998:33917 USPATFULL  
 TITLE: Plasma-like substance  
 INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
 Waitz, Harold D., Berkeley, CA, United States  
 Sternberg, Hal, Berkeley, CA, United States  
 Segall, Judith M., Berkeley, CA, United States  
 PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
 corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5733894 19980331  
 APPLICATION INFO.: US 1995-465252 19950605 (8)  
 RELATED APPLN. INFO.: Division of Ser. No. US 1993-133527, filed on 7 Oct  
 1993, now abandoned which is a continuation-in-part of

Ser. No. US 1993-71533, filed on 4 Jun 1993, now  
patented, Pat. No. US 5407428

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Lankford, Jr., Leon B.  
ASSISTANT EXAMINER: Prats, Francisco C.  
LEGAL REPRESENTATIVE: Field, BretBozicevic & Reed LLP, Bozicevic, Karl  
NUMBER OF CLAIMS: 19  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2100  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Plasma-like substance

L6 ANSWER 25 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 1998:22045 USPATFULL  
TITLE: Plasma-like substance  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5723281		19980303
APPLICATION INFO.:	US 1995-471396		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lankford, Jr., Leon B.		
ASSISTANT EXAMINER:	Prats, Francisco C.		
LEGAL REPRESENTATIVE:	Bozicevic, KarlBozicevic & Reed, LLP, Field, Bret		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2069		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Plasma-like substance		

L6 ANSWER 26 OF 29 USPATFULL on STN  
ACCESSION NUMBER: 97:118028 USPATFULL  
TITLE: Plasma-like substance  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc, Berkeley, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5698536		19971216
APPLICATION INFO.:	US 1995-463296		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lankford, Jr., Leon B.		



ASSISTANT EXAMINER: Prats, Francisco C.  
LEGAL REPRESENTATIVE: Bozicevic, Karl, Field, BretBozicevic & Reed LLP  
NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
LINE COUNT: 2090  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
TI Plasma-like substance

L6 ANSWER 27 OF 29 USPATFULL on STN

ACCESSION NUMBER: 97:24469 USPATFULL  
TITLE: Plasma-like substance  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): BioTime, Inc., Berkeley, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5613944		19970325
APPLICATION INFO.:	US 1995-462270		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	McDermott, Corrine M.		
ASSISTANT EXAMINER:	Van Over, Perry E.		
LEGAL REPRESENTATIVE:	Bozicevic, KarlFish & Richardson P.C.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2039		
TI	Plasma-like substance		

L6 ANSWER 28 OF 29 USPATFULL on STN

ACCESSION NUMBER: 96:101567 USPATFULL  
TITLE: Plasma expander and blood substitute  
INVENTOR(S): Segall, Paul E., Berkeley, CA, United States  
Waitz, Harold D., Berkeley, CA, United States  
Sternberg, Hal, Berkeley, CA, United States  
Segall, Judith M., Berkeley, CA, United States  
PATENT ASSIGNEE(S): Biotime, Inc., Berkeley, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5571801		19961105
APPLICATION INFO.:	US 1995-446520		19950522 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-133527, filed on 7 Oct 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-71533, filed on 4 Jun 1993, now patented, Pat. No. US 5407428		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wityshyn, Michael G.		
ASSISTANT EXAMINER:	Prats, Francisco C.		
LEGAL REPRESENTATIVE:	Bozicevic, Karl, Gregg, ValetaFish & Richardson P.C.		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
LINE COUNT:	2089		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

TI Plasma expander and blood substitute

L6 ANSWER 29 OF 29 USPATFULL on STN

ACCESSION NUMBER: 92:40656 USPATFULL

TITLE: Hyperosmolar oxyreplete hemosubstitute

INVENTOR(S): Runge, Thomas M., 2630 Exposition Blvd., Austin, TX,  
United States 78703

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5114932		19920519
APPLICATION INFO.:	US 1990-620539		19901130 (7)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Griffin, Ronald W.		
LEGAL REPRESENTATIVE:	O'Boyle, James G., Angres, Isaac A.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	607		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
TI	Hyperosmolar oxyreplete hemosubstitute		

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INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:52:13 ON 21 OCT 2004  
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7	FILE ADISCTI
1	FILE ADISINSIGHT
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 5284 FILE MEDLINE  
 10 FILE NIOSHTIC  
 81 FILE NTIS  
 647 FILE PASCAL  
 29 FILE PHAR  
 6 FILE PHARMAML  
 55 FILE PHIN  
 30 FILE PROMT  
 274 FILE SCISEARCH  
 816 FILE TOXCENTER  
 275 FILE USPATFULL  
 14 FILE USPAT2  
 1 FILE VETU  
 130 FILE WPIDS  
 130 FILE WPINDEX  
 L1 QUE PLASMA SUBSTITUTE  
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 2004

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 L3 57 S RECOMBINANT GELATIN  
 L4 0 S L2 AND L3  
 L5 505 S OSMOTIC AND L2  
 L6 29 S L5 AND RECOMBINANT

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---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	51.01	52.36

STN INTERNATIONAL LOGOFF AT 15:00:38 ON 21 OCT 2004